

02/25/00

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket	GI 5229FWC-AV1	Total Pages	39
First Named Inventor or Application Identifier					
John P. Leonard					

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231			
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 27] (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 6]</p> <p>4. Oath or Declaration [Total Pages 6] a. <input type="checkbox"/> Unsigned (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, See 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input checked="" type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>			
ACCOMPANYING APPLICATION PARTS					
<p>8. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) <input type="checkbox"/> Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: . . . Inventor Data Sheet</p>					
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</p> <p><input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 08/560,943</p>					
18. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
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CERTIFICATE OF EXPRESS MAILING					
I hereby certify that the correspondence marked below is being deposited with the U.S. Postal Service "Express Mail PO to Addressee" service under 37 CFR 1.10 on February 25, 2000, Express Mail label no. EE632046037US , in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.					
Typed or printed name		Suzanne A. Sprunger, Ph.D.			
Signature		<i>Suzanne A. Sprunger</i>		Date	February 25, 2000

jc584 U.S. PTO
09/512701
02/25/00

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$ 690)

Complete if Known

Application Number	1020
Filing Date	February 25, 2000
First Named Inventor	John Leonard et al.
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	GI 5229FWC-DIV1

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 07-1060

Deposit Account Name Genetics Institute, Inc.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance, 37 CFR 1.311 (b)

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\$)	(\$)
101	690	220	395
106	330	206	165
107	540	207	270
108	790	208	395
114	150	214	75
SUBTOTAL (1)		(\$)	690

2. CLAIMS

Large Entity	Small Entity	Extra	Fee from below	Fee Paid
Fee Code	Fee Code	(\$)	(\$)	
Total Claims	5	-20	= 0	X 18 = 0
Independent Claims	1	-3	= 0	X 78 = 0
Multiple Dependent Claims			X	=
SUBTOTAL (2)		(\$)	0	

3. ADDITIONAL FEES

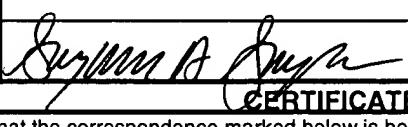
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\$)	
105	130	205	65 Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing a request for reexamination
112	920*	112	920* Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for response within first month
116	400	216	200 Extension for response within second month
117	950	217	475 Extension for response within third month
118	1,510	218	755 Extension for response within fourth month
119	310	219	155 Notice of Appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	135 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive unavoidably abandoned application
141	1,320	241	660 Petition to revive unintentionally abandoned application
142	1,320	242	660 Utility issue fee (or reissue)
143	450	243	225 Design issue fee
144	670	244	335 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))
149	790	249	395 For each additional invention to be examined (37 CFR 1.129 (b))
Other fee (specify) _____			
Other fee (specify) _____			
SUBTOTAL (3)		(\$)	0

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name Suzanne A. Sprunger, Ph.D.

Complete (if applicable)

Signature  Date February 25, 2000 Reg. Number 41,323

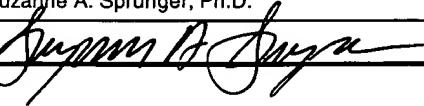
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EE 632696637-U S

Typed or printed name Suzanne A. Sprunger, Ph.D.

Signature 

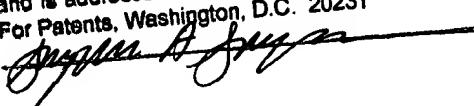
Date February 25, 2000

Dated: February 25, 2000

Respectfully submitted,



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SEARCHED INDEXED
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Exhibit A
U.S. Ser. No. 09/XXX,XXX (Divisional of 08/560,943)
Pending Claims as Presented January 2000

24 (NEW). A method for treating rheumatoid arthritis in a human subject, said method comprising administering to said subject a therapeutically effective amount of an IL-12 antagonist that binds IL-12, wherein said antagonist is selected from the group consisting of an antibody immunoreactive with IL-12 and an antibody fragment immunoreactive with IL-12.

25 (NEW). The method of claim 24 wherein said antagonist is administered in a dose of about 0.05 to about 25 mg/kg.

26 (NEW). The method of claim 24 wherein said antagonist is administered in combination with a pharmaceutically acceptable carrier.

27 (NEW). The method of claim 24 wherein said antagonist is an antibody immunoreactive with IL-12.

28 (NEW). The method of claim 24 wherein said antagonist is an antibody fragment reactive with IL-12.

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